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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Stephen L. Morein et al.

Serial No. 10/820,580

Filing Date: April 8, 2004

Confirmation No.: 8567

Title: TWO LEVEL CACHE MEMORY ARCHITECTURE

Examiner: Dalip K. Singh

Art Group: 2671

Docket No.: 00100.02.0003

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

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May 30, 2006  
 Dated

  
 William J. Voller III

AMENDMENT AND REMARKS

Dear Sir:

In response to the Office Action mailed December 28, 2005, for the above-identified patent application, Applicants respond as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 6 of this paper.